



PHD THESIS

Inferring and Comparing Structural Parcellations of the Human Brain using Diffusion MRI

Guillermo GALLARDO

Inria Sophia Antipolis – Méditerranée, Athena Project Team

**Submitted in partial fulfillment
of the requirements for the degree
of Doctor of Science Specialized in
Control, Signal and Image Processing of
the Université Côte d'Azur**

Advisor : Rachid Deriche

Co-Advisor : Demian Wassermann

Tentative date of defense :
21/12/2018

In front of a jury composed of:

Olivier Coulon, Research Director, CNRS, Aix-Marseille University - Reviewer

Rachid Deriche, Research Director, Inria Sophia Antipolis - Thesis Director

Bertrand Thirion, Research Director, Inria Saclay IdF - Examiner

Michel Thiebaut de Schotten, Research Director, CNRS, ICM, Paris - Reviewer

Ragini Verma, Professor, SBIA, University of Pennsylvania - Examiner

Demian Wasserman, Senior Scientist, Inria Saclay IdF - Co-advisor

Alfred Anwander, Senior Scientist, Max Planck Institute for Human Cognitive and Brain Sciences, Germany